

## Chang Kok Shen

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### Profile

**Hello World**, my name is Chang Kok Shen currently a Year 2 Semester 3 University student pursuing a degree in Computer Science at Universiti Tunku Abdul Rahman. I am currently seeking an active employment opportunity in the fields of Frontend Web Development. From my observation, I believe that in the current competitive world of IT, being passionate and hardworking is not enough. But the curiosity of solving an unsolvable bug, learning a new stack/framework and endless hours of problem solving is what drives me to become a better developer every day. With regards to this, I believe that the core of computer science is not being a jack of all trades for many tech stacks. Instead, it should be the approaches and ways a person solves a problem. Notably, in computer science, the most famous problem-solving pattern is called recursion which deliberately means repeatedly dividing a large problem into smaller manageable parts.

### EDUCATION

#### **SMK Malim Nawar**

Malim Nawar, Perak

SPM

2016 - 2021

- **Results : 7As (Highest distinction for Physics, English, and History)**
- Participated in various STEM competitions during high school like STEM UP , Chemistry Pitching, Inter-state chess competitions and international math quizzes like Kangaroo Math.
- Actively involved in Extracurricular activities like organising school level chess competitions and handled all financial transactions of the English organising committee.

#### **Universiti Tunku Abdul Rahman**

Kampar, Perak

*Bachelor of Computer Science (Honours)*

2022 - 2025

- **Current CGPA : 3.6180**
- Actively learned various fundamentals of computer science concepts including procedural, object-oriented programming design, database management, operating system, and data structures & algorithms.
- Able to understand basic to intermediate CRUD operations for low level programming languages like C++.
- Able to understand and program intermediate front end web frameworks including HTML, CSS, JavaScript, Bootstrap and PHP.
- Understand basic software engineering methodologies including Agile, eXtreme programming, SDLC, Scrum and Waterfall model.
- Have basic to intermediate networking knowledge including configuring LANs, firewalls and understanding Internet Protocols.

### EXPERIENCE

#### **Koson Technology**

Ipoh, Perak

Software Solutions Provider / Outsource Solutions Provider

##### ***Software Engineer Intern***

2023-2024

- Collaborated with overseas developers in Hong Kong and China to create a mobile responsive WeChat mini program for the Temi robot.
- Scheduled weekly Microsoft Teams meeting to report progress ,discuss code fixes and solutions for the WeChat mini program.
- Lead the main production of the WeChat Mini program with other developers in an Agile development, constantly changing and implementing sudden requirement changes given by Robocore (the mother company of Temi robots production).
- Managed to complete the remaining 20% of the WeChat Mini program functions which include the implementation of the core map function that is used to pinpoint the locations the Temi robot can move to.
- Assisted developers with WebSocket, sending data from client side to server side for the WeChat mini program.
- Reevaluate and refactor existing source code, debugging existing errors from the WeChat mini program. Successfully cleared up 70% of messy and redundant code.
- Actively test and deploy at least 7 releases of the TemiScript WeChat mini program in GitLab including version 1.1.1 up to version 1.1.7.
- Test existing functions of the Temi Robot, ensure that the frontend is in sync with the robot and server side.
- **Technologies used : WeChat mini program, Weixin Markup Language, Weixin Style Sheets, Javascript, GitLab, PHP**

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### **PERSONAL INFORMATION**

- **Languages : English, Mandarin, Malay, and Cantonese**
- **Personal website :**
- **Github :** <https://github.com/kshen0414>
- **Linkedin :** <https://www.linkedin.com/in/chang-kok-shen-4b0b50188/>
- **Email :** [kokshen3414@gmail.com](mailto:kokshen3414@gmail.com)
- **Clubs and Societies : Cyber Security UTAR**

### **TECH STACK / SKILLS**

- **General tech stack : C++ , Python(Procedural) , Python (Machine Learning), Java (Object-Oriented)**
- **Frontend stack : HTML, CSS, Bootstrap , JavaScript, WeChat mini program**
- **Backend stack : PHP**
- **Mobile application : Dart (Flutter) , Android Studio (Java)**
- **Database : Oracle (SQL plus), Microsoft Access, XAMPP and MySQL**
- **Version Control : Git and GitHub**

### **CERTIFICATIONS / COURSES**

- Oracle Cloud Data Management 2023 Certified Foundations Associate
- Oracle Cloud Infrastructure 2023 Certified Foundations Associate
- Microsoft Learn AI Skills Challenge (Machine Learning)
- Introduction to Version Control with Git

### **REFERENCES**